

**TOP SECRET**

**PRIORITY**

**T O P S E C R E T 101233Z**

OUT  
51827

**1**

25X1

10 SEP 1963

HFS

CJS

CEC

EMS

ACL

25X1

Grace (File)

1963 SEP 10 12 53Z

1. FOR ALL MISSIONS AFTER CM19 (CM21, 22, 23 AND J1) THE BINARY DOTS HAVE BEEN OF GOOD QUALITY AND SATISFACTORY TO  THE DATA BLOCK PROBLEM HAS NOT BEEN ONE OF POOR IMAGES BUT OF MALFUNCTIONS WHICH HAVE INCLUDED NO IMAGES, NO INDEX, ALL LIGHTS ON, ETC.

2. A SUMMARY OF PROBLEMS BY MISSION FOLLOW:

A. CM21 (MSN 9054) MACHINE READ. OVER 100 BLANK DATA BLOCKS, MAJORITY ON FWD WITH FEW ON AFT FRAMES.

B. CM22 (MSN 9056) HAND READ. NEARLY 600 DATA BLOCKS EITHER COMPLETELY BLANK OR WITH ALL LIGHTS ON, DISTRIBUTED BOTH FWD AND AFT. NO INDEX OR CAMERA NO. RECORDED AFTER PASS 5 BOTH FWD AND AFT.

C. CM23 (MSN 9057) HAND READ. APPROX. 200 FRAMES OF FWD AND 95 PERCENT OF AFT DATA BLOCKS EITHER BLANK OR ALL LIGHTS ON. ATTEMPTED TO MACHINE READ FWD DATA BLOCKS BUT EXCESSIVE INTERMITTANT MALFUNCTION RESULTED IN HAND READING.

D. J1 (MSN 1001-1) FWD READ BY MACHINE. AFT DATA BLOCK

**1**

25X1

Declassification Review by NGA/DoD

**TOP SECRET**

GROUP 1  
Excluded from automatic  
downgrading and  
declassification

1

IMAGED SO NEAR FILM EDGE WITH NUMEROUS DOTS BLEEDING OFF EDGE THAT THEY COULD NOT BE MACHINE READ. ON ABOUT 7 PERCENT OF AFT FRAMES THERE WAS A SHIFT OF FROM 1 TO 4 POSITIONS IN RECORDING OF CLOCK VALUES.

3. [ ] HAS SPENT A TREMENDOUS QUANTITY OF MAN HOURS IN ATTEMPTING TO ANALYZE THE RECORDED TIME AND COMPUTE CORRECT VALUES. TIME DATA IS AN IMPORTANT FACTOR IN ALL MENSURATION ACTIVITIES AS WELL AS ATTITUDE DETERMINATION STUDIES CONDUCTED FOR SE AND OTHER OPERATIONAL REQUESTORS.

25X1

T O P S E C R E T

END OF MESSAGE

1